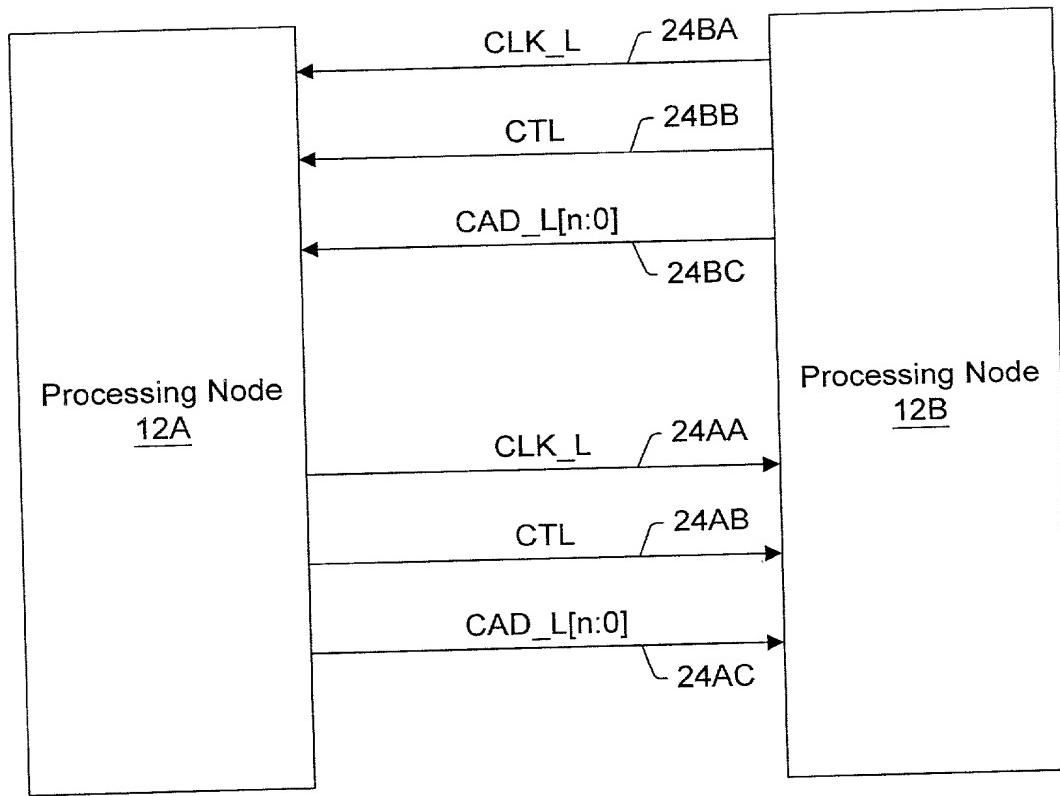


Fig. 1



*Fig. 2*

| Bit Time | 7 | 6 | 5 | 4 | 3        | 2 | 1 | 0 |
|----------|---|---|---|---|----------|---|---|---|
| 1        |   |   |   |   | CMD[5:0] |   |   |   |
| 2        |   |   |   |   |          |   |   |   |
| 3        |   |   |   |   |          |   |   |   |
| 4        |   |   |   |   |          |   |   |   |

30 → Fig. 3

| Bit Time | 7             | 6 | 5              | 4           | 3            | 2 | 1 | 0 |
|----------|---------------|---|----------------|-------------|--------------|---|---|---|
| 1        | SrcUnit [1:0] |   |                |             | CMD[5:0]     |   |   |   |
| 2        | DestNode[2:0] |   | DestUnit [1:0] |             | SrcNode[2:0] |   |   |   |
| 3        |               |   |                | SrcTag[4:0] |              |   |   |   |
| 4        |               |   |                |             |              |   |   |   |
| 5        |               |   | Addr[15:8]     |             |              |   |   |   |
| 6        |               |   | Addr[23:16]    |             |              |   |   |   |
| 7        |               |   | Addr[31:24]    |             |              |   |   |   |
| 8        |               |   | Addr[39:32]    |             |              |   |   |   |

32 → Fig. 4

| Bit Time | 7                | 6             | 5 | 4                 | 3           | 2            | 1 | 0        |
|----------|------------------|---------------|---|-------------------|-------------|--------------|---|----------|
| 1        | SrcUnit<br>[1:0] |               |   |                   |             |              |   | CMD[5:0] |
| 2        |                  | DestNode[2:0] |   | DestUnit<br>[1:0] |             | SrcNode[2:0] |   |          |
| 3        |                  |               |   |                   | SrcTag[4:0] |              |   |          |
| 4        |                  |               |   |                   |             |              |   |          |

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Fig. 5

| Bit Time | 7 | 6 | 5 | 4 | 3         | 2          | 1           | 0           |
|----------|---|---|---|---|-----------|------------|-------------|-------------|
| 1        |   |   |   |   | Data[7:0] |            |             |             |
| 2        |   |   |   |   |           | Data[15:8] |             |             |
| 3        |   |   |   |   |           |            | Data[23:16] |             |
| 4        |   |   |   |   |           |            |             | Data[31:24] |
| 5        |   |   |   |   |           |            |             | Data[39:32] |
| 6        |   |   |   |   |           |            |             | Data[47:40] |
| 7        |   |   |   |   |           |            |             | Data[55:48] |
| 8        |   |   |   |   |           |            |             | Data[63:56] |

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Fig. 6

| CMD Code | Command       | Packet Type   |
|----------|---------------|---------------|
| 000000   | Nop           | Info          |
| 000001   | VicBlk        | Command/Data  |
| 000010   | Reserved      |               |
| 000011   | ValidateBlk   | Command       |
| 000100   | RdBlk         | Command       |
| 000101   | RdBlkS        | Command       |
| 000110   | RdBlkMod      | Command       |
| 000111   | ChangetoDirty | Command       |
| x01xxx   | WrSized       | Command/Data  |
| 01xxxx   | ReadSized     | Command       |
| 100xxx   | Reserved      |               |
| 110000   | RdResponse    | Response/Data |
| 110001   | ProbeResp     | Response      |
| 110010   | TgtStart      | Response      |
| 110011   | TgtDone       | Response      |
| 110100   | SrcDone       | Response      |
| 110101   | MemCancel     | Response      |
| 11011x   | Reserved      |               |
| 11100x   | Probe         | Command       |
| 11101x   | Broadcast     | Command       |
| 11110x   | Reserved      |               |
| 111110   | Reserved      |               |
| 111111   | Sync          | Info          |

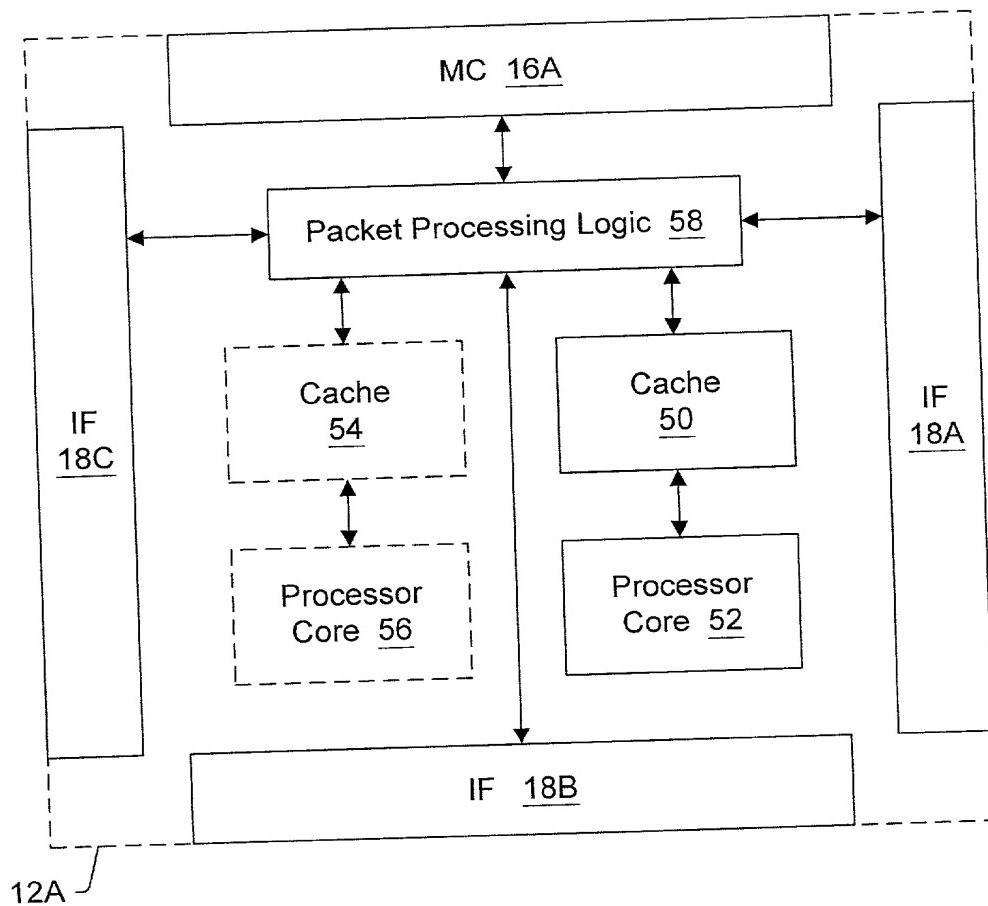


Fig. 8

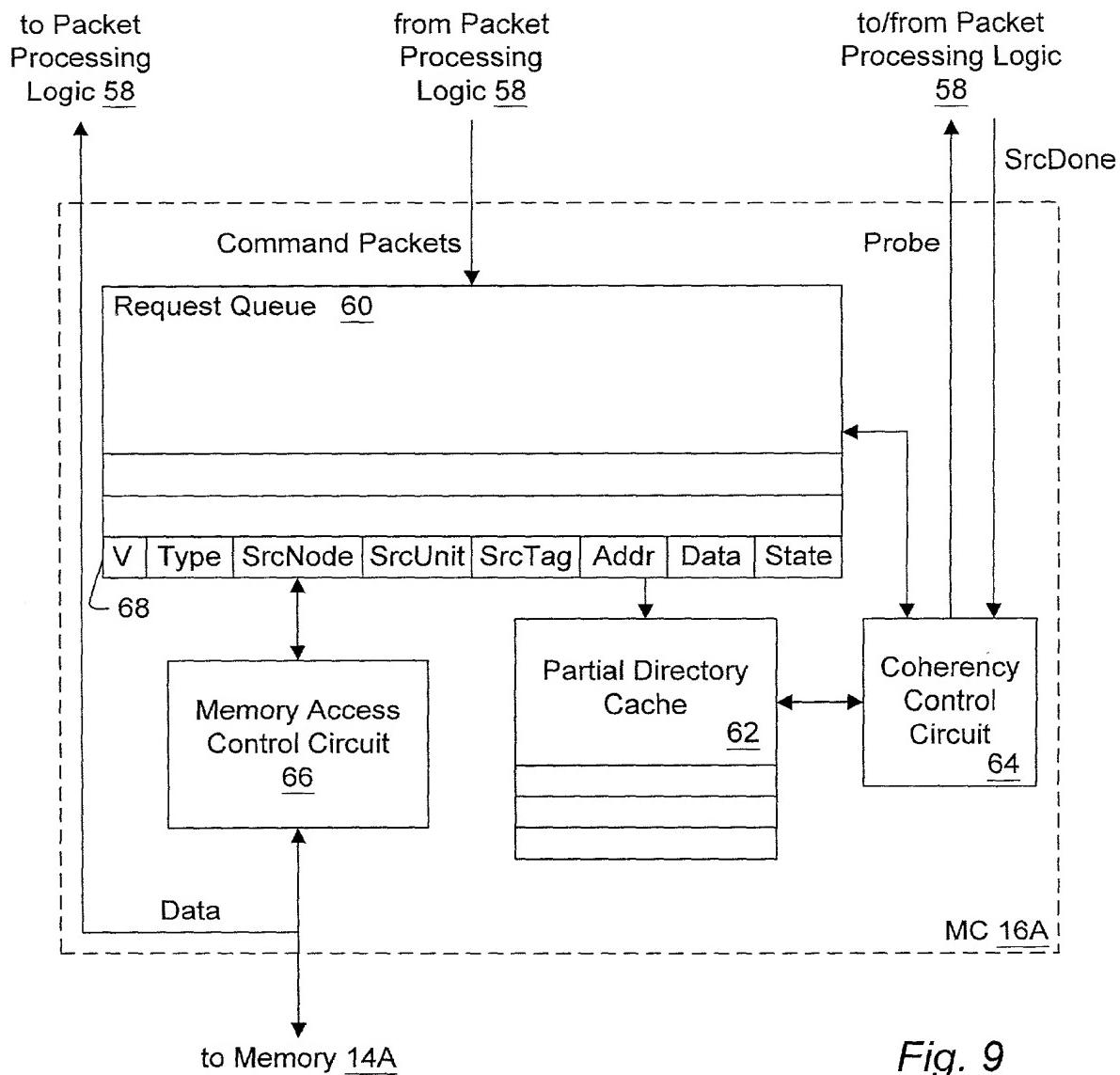


Fig. 9

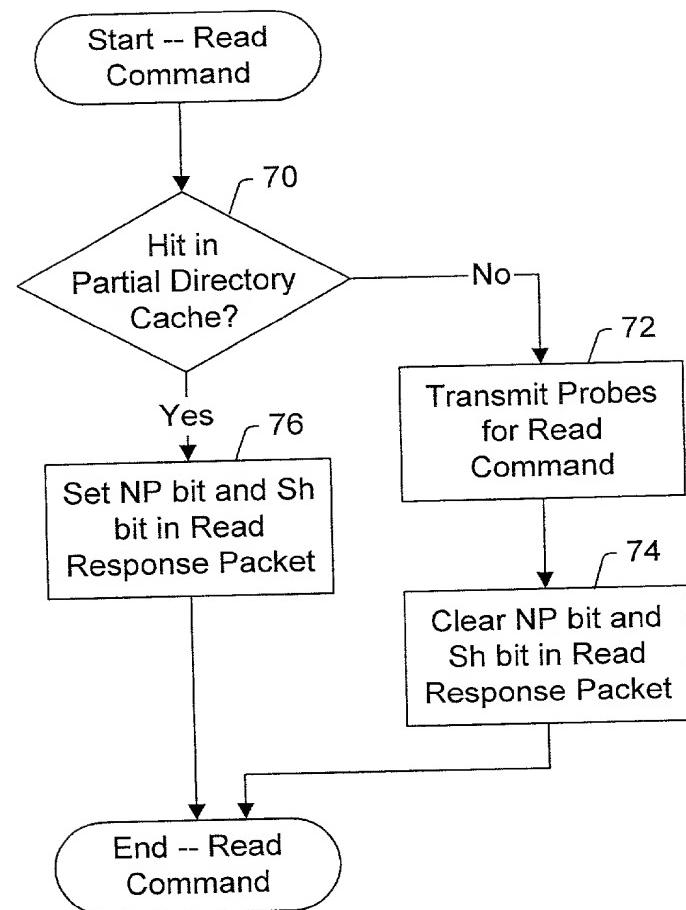


Fig. 10

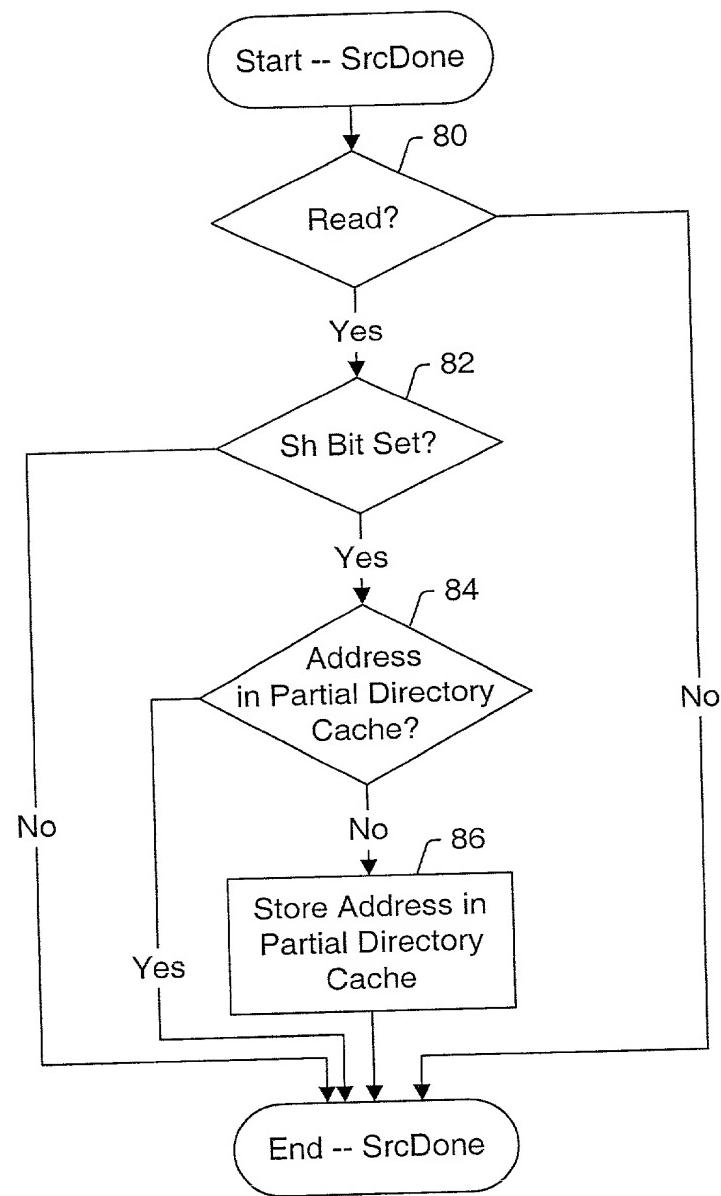


Fig. 11

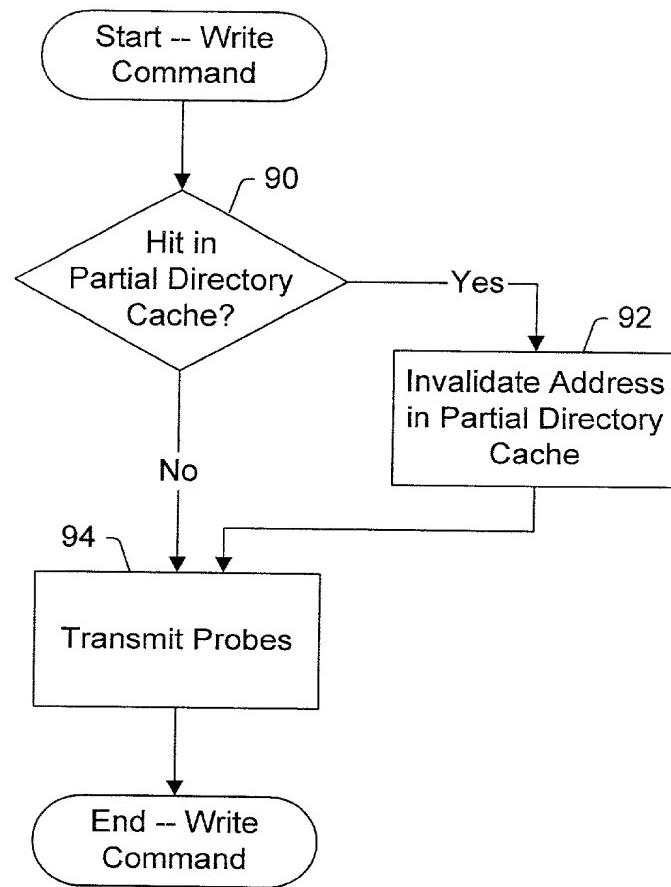


Fig. 12

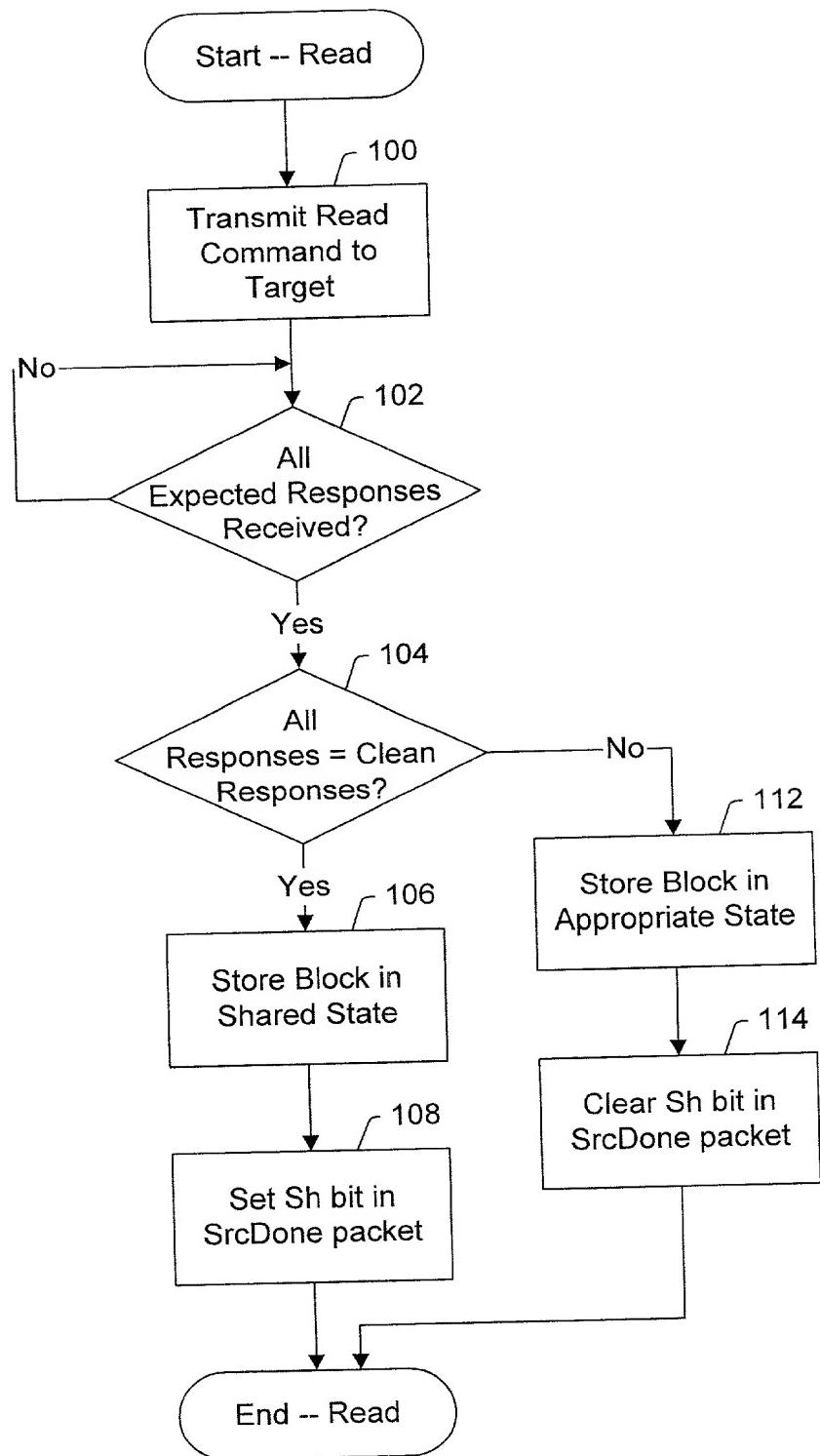


Fig. 13

|   |              |     |     |     |     |     |          |
|---|--------------|-----|-----|-----|-----|-----|----------|
| V | Page Address | B0V | B1V | B2V | B3V | ... | B63<br>V |
|---|--------------|-----|-----|-----|-----|-----|----------|

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Fig. 14

| Bit Time | 7             | 6        | 5 | 4              | 3            | 2 | 1 | 0 |  |  |  |
|----------|---------------|----------|---|----------------|--------------|---|---|---|--|--|--|
| 1        | SrcUnit [1:0] | CMD[5:0] |   |                |              |   |   |   |  |  |  |
| 2        | DestNode[2:0] |          |   | DestUnit [1:0] | SrcNode[2:0] |   |   |   |  |  |  |
| 3        | SrcTag[4:0]   |          |   |                |              |   |   |   |  |  |  |
| 4        | Sh            |          |   |                |              |   |   |   |  |  |  |

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Fig. 15

| Bit Time | 7             | 6        | 5   | 4              | 3            | 2 | 1    | 0          |
|----------|---------------|----------|-----|----------------|--------------|---|------|------------|
| 1        | SrcUnit [1:0] | CMD[5:0] |     |                |              |   |      |            |
| 2        | DestNode[2:0] |          |     | DestUnit [1:0] | SrcNode[2:0] |   |      |            |
| 3        | Count[1:0]    |          | Err | SrcTag[4:0]    |              |   |      |            |
| 4        | Sh            | P        | NP  |                |              |   | Cncl | Count[3:2] |

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132 ↗

130 ↗

Fig. 16